

MIS CONCENTRATION

Decision Sciences Department - Business Administration Major  
College of Business and Economics



NAME:
W#:
Expected Graduation:
Needs BUS 310/410: Yes No

Fill out this form as completely as you can before meeting with your advisor for review. A plan of study is TENTATIVE pending registration availability. Freshmen and Sophomores may choose to complete a portion of the table below, deferring the remainder until Junior year.

**Graduation requirements: (See the University Catalog for additional WWU requirements)**

- One communication focus course: MIS 321.
- Writing proficiency course(s): MIS 495 (WP3).
- A minimum of 180 credits (of this a maximum of 105 credits may be transferred from a community college).
- A minimum of 60 credits of upper-division course work (300 or 400 level courses).
- A minimum of 90 credits in areas other than accounting and business administration. All CBE courses are considered in the areas of accounting and business administration except DSCI 205, MATH 157, and all economics courses.
- At least 50 percent of the business credit hours required for the CBE majors and minors must be taken at Western Washington University.

**It is important to take the core and concentration classes in a logical sequence. Please review the course pre-requisites listed on the reverse side of this document.**

- Do **NOT** complete all core courses before taking concentration courses. We advise taking both core and concentration courses each quarter.
- Take MIS 320 and DSCI 305 as soon as possible after completion of the MIS 320 & DSCI 305 prerequisites.
- MIS 220 or its equivalent must be completed **before** MIS 320 & FIN 341.
- Take MIS 321 as early as possible. It is a prerequisite for most 400-level electives.
- Take MGMT 495 in one of your last two quarters, if possible.

**COURSES TO BE COMPLETED FOR THE MAJOR**

			Quarter:								
			Year:								
	COURSE	CR.	COMPLETED								
Foundation (30 credits)	MATH 157 Business Calculus	4									
	MIS 220 Introduction to Business Computer Sys	2									
	ECON 206 Introduction to Microeconomics	4									
	ACCT 240 Financial Accounting	4									
	DSCI 205 Business Statistics	4									
	ACCT 245 Managerial Accounting	4									
	ECON 207 Introduction to Macroeconomics	4									
	MGMT 271 Law and the Business Environment	4									
Core (28 Credits)	BUS 310 Intro to Professional & Career Readiness	1									
	MIS 320 Mgt Information Systems	4									
	MGMT 311 Intro to Mgmt & Orgn'l Behavior	4									
	OPS 360 Operations Management	4									
	DSCI 305 Applied Business Statistics	4									
	FIN 341 Principles of Finance	4									
	MKTG 380 Principles of Marketing	4									
	MGMT 382 Business & Environment	4									
BUS 410 Prof & Career Readiness as College Grad	1										
Advanced Core (4 Credits)	MGMT 495 Strategic Management	4									
	may substitute MGMT 491 AND 492 for MGMT 495.										
Concentration (28 credits)	MIS 321 Systems Analysis and Design	4									
	MIS 322 Business Applications Development	4									
	MIS 421 Business Database Development	4									
	MIS 495 Corporate Info Systems Mgmt	4									
	MGMT 313 <u>or</u> OPS 461	4									
Major Restrictions	MIS Elective #1 **	4									
MIS Full Majors	MIS Elective #2 **	4									
**Select from: Any upper-division MIS course, OPS 461 or DSCI 407. Other upper-division courses (including Computer Science) may be possible under advisement.											

Full Majors:

This form does not substitute for your official advisor approved plan of study. Use the Excel fillable plan of study forms when working with your faculty advisor on your department approved plan.

	COURSE	CR	TITLE	Prerequisites	Other Restrictions	
Foundation (30 credits)	MATH 157	4	Calculus for Business	MATH 156 or equiv.		
	MIS 220	2	Intro: Business Computer Systems w/lab		CBE Pre-majors & majors receive registration priority	
	ECON 206	4	Introduction to Microeconomics	MATH 112 or equiv.		
	ACCT 240	4	Financial Accounting			
	DSCI 205	4	Business Statistics	MATH 156 or equiv.		
	ACCT 245	4	Managerial Accounting	ACCT 240		
	ECON 207	4	Introduction to Macroeconomics	ECON 206 or 101 or HNRS 209 & MATH 112 or equiv.		
	MGMT 271	4	Business Law			
Core (24 Credits)	BUS 310	1	Intro to Professional & Career Readiness	Pre-major or major status		
	MIS 320	4	Principles of Management Information Sys	MIS 220 or equiv.	CBE Pre-majors & majors receive registration priority	
	MGMT 311	4	Intro to Mgmt & Organztl Behavior		CBE Pre-majors & majors receive registration priority	
	OPS 360	4	Operations Management	DSCI 205 & ACCT 245	CBE Pre-majors & majors receive registration priority	
	DSCI 305	4	Applied Business Statistics	DSCI 205 & MATH 157 or equiv.	CBE Pre-majors & majors receive registration priority	
	FIN 341	4	Principles of Finance	ACCT 245, DSCI 205 & MIS 220 or equiv.	CBE Pre-majors & majors receive registration priority	
	MKTG 380	4	Principles of Marketing	ACCT 240 & ECON 206 or HNRS 209	CBE Pre-majors & majors receive registration priority	
	MGMT 382	4	Business & Environment	MGMT 271	Full Major & JR status	
	BUS 410	1	Prof & Career Readiness a College Grad	BUS 310		
Advanced Core (4 Credits)	MGMT 495	4	Strategic Management	MGMT 311, FIN 341, MKTG 380, OPS 360 & MIS 320 or ACCT 321	Full Major & JR status	
	MGMT 491 and 492 may be substituted for MGMT 495 under advisement.					
	MGMT 491	4	Small Business Entrepreneurship	MGMT 311, FIN 341, MKTG 380, OPS 360 & MIS 320 or ACCT 321	Full Major & JR status	
	MGMT 492	4	Entrepreneurial Problems	MGMT 491	Full Major & JR status	
Concentration (28 credits)	MIS 321	4	Systems Analysis and Design	MIS 320 or ACCT 321	Full Major	
	MIS 322	4	Business Applications Development	MIS 320 & MIS 321 (MIS 321 may be taken as co-req.)	Full Major	
	MIS 421	4	Business Database Development	MIS 321	Full Major	
	MIS 495	4	Corporate Info Systems Mgmt	MIS 321 & One 400-level MIS elective. (The elective may be taken as co-req.) <b>MIS 421 is NOT an elective</b>	Full Major	
	<b>Choose One Course From:</b>					
	MGMT 313	4	Teamwork Basics	MGMT 311	Full Major	
	OPS 461	4	Project Management	OPS 360	Full Major	
	<b>MIS Electives - Choose Two Courses From:</b>					
	MIS 422	4	Bus Intelligence and Analytics	MIS 320 or ACCT 321	Full Major	
	MIS 423	4	Network Administration	MIS 321	Full Major	
	MIS 433	4	Programming Skills for Business Analytics	MIS 320 or ACCT 321	Full major	
	MIS 434	4	Applied Text Analytics for Bus	DSCI 305 or ECON 375	Full Major	
	MIS 435	4	Data Visualization for Decision Making	MIS 320 or ACCT 321	Full Major	
OPS 461	4	Project Management	OPS 360	Full Major		
DSCI 407	4	Predictive Analytics for Business	DSCI 305 or ECON 375	Full major		